



# D0 Status Report

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# Notable Events



- 12/6 (Tue)
  - Repaired three cables that were damaged during the CF opening.
  - Closed the west Cathedral and then the west CF iron.
  - Erected a scaffolding for the PDT repair.
- 12/7 (Wed)
  - Changed the master clock timing by 1 nsec to adjust the seasonal variations in cable lengths.
  - Closed the east CF iron, the north EF iron, and the north Muon shielding.
  - A broken wire in PDT disabled, since it was the cause of HV problems.
  - Search and secure conducted.



# Notable Events



- 12/8 (Thu)
  - Survey of the Muon system completed.
- 12/11 (Sun)
  - Controlled access
    - Cal investigated a slightly noisy crate.
    - SMT downloaded a new firmware to all Sequencer Controllers to solve a problem with the heartbeat trigger.
    - Muon PDT installed two Run 2b Control Boards.



# Summary of Shutdown Activities



- Calorimeter

- 6 preamp power supplies replaced.
  - They could only be replaced after opening the detector.
  - We are short on spare modules now, since the delivery of the modules has been delayed by 6 weeks.
- ICD pulser problems investigated.
  - Fixed short on a cable.
  - Fixed a bad connector.
  - 95 % of channels can now be pulsed.

- Muon

- Central
  - 43 PDT wires recovered. The total number of PDT channels is ~6000.
  - Removed 4 loose wires to eliminate short.
  - Changed 2 bad PMT bases.
- Forward
  - Disabled a broken wire to recover an A-layer plane.
  - Four pixel counters fixed.



# Summary of Shutdown Activities



- Maintenance work done on HVAC UPS.
- Wet engine replaced by a spare for maintenance.
- Repaired L1Cal water leak.
- Upgraded the online network switches.
- Took cosmic muon events.